

Abstract of the Disclosure

Methods and apparatus for compensating the effects of display signal propagation delay in a display panel are disclosed. The apparatus comprises circuitry in addition to conventional display driver circuitry for delaying display line timing signals by an amount approximating the delay found in corresponding display lines. By delaying display line timing signals, for example in a column driver, by an time approximately equal the delay experienced in a corresponding row enable signal line, capacitors associated with the display pixels charge more fully resulting in a more vivid display image. Methods for compensating the effects of display signal propagation delay involve generating a plurality of delayed display timing signals and activating display lines in response to those delayed timing signals.